R.F. DOUBLE TRIODE

6·3V INDIRECTLY HEATED

ISSUE I

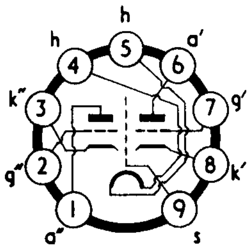
PROVISIONAL

B719/ECC85

AUGUST 1955

Primarily designed for use as an RF amplifier and mixer in FM receivers.

BASE CONNECTIONS AND VALVE DIMENSIONS



VIEW FROM UNDERSIDE OF BASE

Base: B9A
Bulb: Tubular

Max. overall length: 56mm
Max. seated length: 49mm
Max. diameter: 22·2mm

HEATER

V_h	6·3	V
I_h	0·435	A

MAXIMUM RATING (Per system unless otherwise indicated)

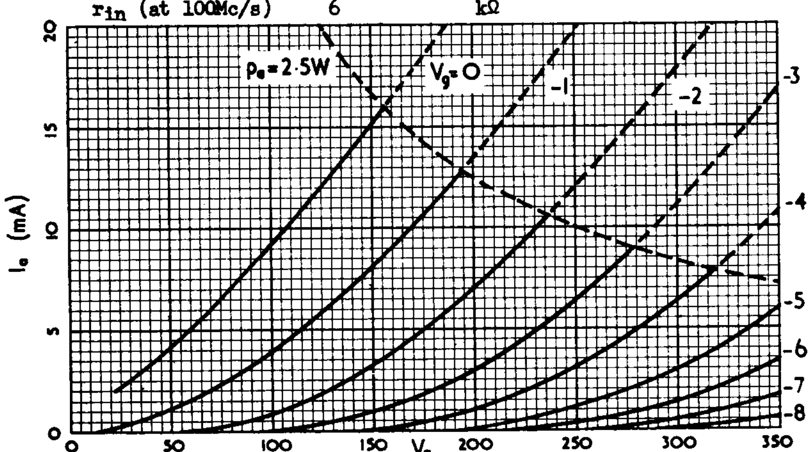
V_a	300	V
P_a	2·5	W
$P_{a'} + P_{a''}$	4·5	W
I_k	15	mA
R_{g-k}	1	MΩ
V_{h-k}	90	V

CAPACITANCES

c_{a-g} (each section): 1·5pF. c_{a-k} (each section): 0·18pF
$c_{a'-a''} < 0.04$pF. $c_{g'-k'} <$ 3pF. $c_{g''-k''} <$ 3pF

TYPICAL OPERATION (RF Amplifier)

V_a	230	V
I_a	10	mA
V_g	-2	V
gm	6	mA/V
r_a	9·7	kΩ
µ	58	
r_{in} (at 100Mc/s)	6	kΩ



MARCONI'S WIRELESS TELEGRAPH COMPANY LIMITED
Head Office: Marconi House, Chelmsford · Telephone: Chelmsford 3221 · Telegraphic Address: Expanse, Chelmsford